Bruhat Bangalore Mahanagara Palike
Excecutive Engineer, Project Division,Yelahanka

Name of Work: Providing new borewells and CC Roads, drains development in Nagawara, Mestripalya and other adjacent Layouts

Est Cost: 120.00 Lakhs

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction **(Sl no.13.04) PRED.SR 2019-20**								
	Basic Rate	3768.00							
	Area Weightage 3%	113.04							
	Total	3881.04							
		3				**3.00**	Each	3881.04	**11643.12**
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) Sl **no. 13.01 PRED SR 2019-20**								
	Basic Rate	347							
	Area Weightage 3%	10.41							
	Total	357.41							
	0 to 50 m	3	50.00			**150.00**	m	357.41	**53611.50**
	Basic Rate	442							
	Area Weightage 3%	13.26							
	Total	455.26							
	50 to 100 m	3	50.00			**150.00**	m	455.26	**68289.00**
	Basic Rate	456							
	Area Weightage 3%	13.68							
	Total	469.68							
	100 to 150 m	3	50.00			**150.00**	m	469.68	**70452.00**
	Basic Rate	536							
	Area Weightage 3%	16.08							

	Total	552.08							
	150 to 200 m	3	50.00			**150.00**	m	552.08	**82812.00**
	Basic Rate	634							
	Area Weightage 3%	19.02							
	Total	653.02							
	200 to 250 m	3	50.00			**150.00**	m	653.02	**97953.00**
	Basic Rate	700							
	Area Weightage 3%	21							
	Total	721							
	251 to 300 m	3	50.00			**150.00**	m	721.00	**108150.00**
	Basic Rate	825							
	Area Weightage 3%	24.75							
	Total	849.75							
	300 to 350 m	3	50.00			**150.00**	m	849.75	**127462.50**
3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) **SE PRED III NO 84**									
		3	54.00			**162.00**	Rmtr	1325.00	**214650.00**
4	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 250mm dias. (Page No. 88 Item No. 12.116.5) PWD SR 2018-19								
	Basic Rate	2075							
	Area Weightage 6%	124.5							
	Total	2199.5							
		3	12.00			**36.00**	Rmtr	2199.50	**79182.00**
5	Providing 175mm dia ms casing cap **page no III it no 85 pred 12-13 sr**								
		3				**3.00**	no	100.00	**300.00**
6	Providing MS Casing pipe collars **page no III it no 86 pred 12-13 sr**								
		3	10.00			**30.00**	no	150.00	**4500.00**
7	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . PAGE NO **XLII**									
	17.5 HP 30 Stage	3				3.00			

						3.00	Unit	72126.00	**216378.00**
8	KSRB13-3.1: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class **50 mm dia** nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. **(Page 92 ITEM NO 13.6)**								
	Basic rate	512.00							
	6% AW	30.72							
	Sub Total	542.72							
		3	280.00			**840.00**	Mtr	542.72	**455884.80**
9	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A **P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm KPWD Electrical SR 2014-15**								
		3	580.00			**1740.00**	Mtr	188.70	**328338.00**
10	Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length **pno 558 ino 3 bwssb sr 14-15**								
		3	50.00			**150**	No	88.00	**13200.00**
11	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on **fixing the same to the wall using tapered** inverted wooden plugs screws etc., **P No. 44No.6.6.6 KPWD Electrical SR 2014-15**								
	20x20x2.5	3				**3**	Each	302.00	**906.00**
12	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.**P No.55/ I No.7.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2014-15**								
		3	40.00			**120.00**	Mtr	140.40	**16848.00**
13	Labour charges for laying of 1.1 K.V class UG cable, **P No. 61 / I No. 7.8.1 In existing trench/duct 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15**								
		3	40.00			**120.00**	Mtr	10.80	**1296.00**
14	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete**P No. 62/ I. No.7.9.4 KPWD Electrical SR 2014-15**								
	For Cutting Road Surface asphalt	3	35.00			**105.00**	Mtr	117.00	**12285.00**
15	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class **P. No. 62/ I No.7.12.1 KPWD Electrical SR 2014-15**								
	40mm dia GI pipe	3	6.00			**18.00**	Mtr	345.00	**6210.00**

16	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., **P. No.62/ I No. 7.13.2 KPWD Electrical SR 2014-15**								
	16Sqmm	3				**3.00**	NO	280.00	**840.00**
17	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, **(P No.55, I No. 7.1) KPWD Electrical SR 2014-15**								
		3				**3**	NO	2727.00	**8181.00**
18	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... **P No44/I No 6.7.4 KPWD Electrical SR 2014-15**								
	100 Amps								
		3	3			**9**	Each	360.00	**3240.00**
19	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... **P No62 I No 7.14.2 KPWD Electrical SR 2014-15**								
	25mm dia								
		3	6			**18**			
		3	6			**18**	Each	86.00	**1548.00**
20	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications **pno 47 IT 6.16.5 KPWD Electrical SR 2014-15**								
		3				**3**	Each	1547.00	**4641.00**
21	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 **P.No. 49, I. No.6.40.2 KPWD Electrical SR 2014-15**								
	16SWG	6	220.00	60.00		79200.0			
		3	450.00	25.00		33750.0			
						112950.0	Sq.Cm	0.33	**37273.50**
22	KSRB 13-7.1-4: Providing and fixing in position 65mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 **Page No.90 Item No. 13.56 / PWD SR 2018-19**								
	Basic rate	1728.00							

	6% AW	103.68							
	Sub Total	1831.68							
		3				**3**	NOS	1831.68	**5495.04**
23	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. **P. No.92/ I. No. 13.81.3 PWD SR 2018-19**								
	Basic rate	210.00							
	6% AW	12.60							
	Sub Total	222.60							
	50mm dia	3	2.00			**6**	NOS	222.60	**1335.60**
24	Gate value 65mm nominal bore gun metal **P. No.XXVI sl No. 662 PWD SR**								
	65mm dia	3	2.00			**6**	NOS	1694.92	**10169.52**
28	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. **PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter**								
		3				**3**	NO	10000.00	**30000.00**
29	Earth work excavation By Manuall Means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in Soft rock/ ordinary rock not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications. (P.No.6, I.No.2.3) PWD SR 2018-19								
	Basic rate	299.00							
	6% AW	17.94							
	Sub Total	316.94							
		3	150.00	0.60	0.90	243.00			
						243.00	**cum**	316.94	**77016.00**
30	Filling the Foundation Trenches using approved Sand as per Drawing & Technical Specification in 250mm layers, Whereever necessary watering and ramming including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications Morth Chapter 12. (P.No.221, I.No.27.14) PWD SR 2018-19								
	Basic rate	3039.00							

	6% AW	182.34							
	Sub Total	3221.34							
		3	150.00	0.60	0.25	67.50			
						67.50	**cum**	3221.34	**217440.00**
31	KSRB13-9.3 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9 (Page no.94, Item No.13.73.2) PWD SR 2018-19								
		3	148.00			444.00			
	Basic rate	372.00							
	6% AW	22.32				**444.00**	Rmtr	394.32	**175078.00**
	Sub Total	394.32							
32	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page No.7, Item No. 2.11) PWD SR 2018-19								
	Basic rate	121.00							
	6% AW	7.26							
	Sub Total	128.26							
	From Pipe line excavation					243.00			
	Deduct from item no. 30					-67.50			
	Deduct from item no. 33					-26.64			
	Deduct from item no. 34					-39.96			
						108.90	cum	128.26	**13968.00**
33	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:4:8 with OPC @180kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum,machine mixed, concrete laid in layers not exceeding 15cm thick,well compacted in foundation including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-13,I No-4.3)								
	Basic rate	5102.00							
	6% AW	306.12							
	Sub Total	5408.12							
	From Pipe line excavation	3	148.00	0.60	0.10	26.64			
						26.64	cum	5408.12	**144072.00**

34	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)								
	Basic rate	5442.00							
	6% AW	326.52							
	Sub Total	5768.52							
	From Pipe line excavation	**3.00**	148.00	0.60	0.15	39.96			
						39.96	cum	5768.52	**230510.00**
35	BESCOM Deposit	L/S	3				**3**	**13000.00**	**39000.00**
36	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)								
	Basic rate	130.00							
	6% AW	7.80							
	Sub Total	137.80							
	8Km lead & Lift= 57+(2*1.28*8)	77.48							
	Total	**215.28**							
	For RCC Drain	2	208.00	1.10	1.00	457.60			
		1	100.00	1.10	1.00	110.00			
		2	50.00	1.10	1.00	110.00			
	For RCC Culvert	1	6.50	1.80	1.10	12.87			
						690.47	cum	215.28	**148644.00**
37	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 metrers, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202.(I No-18.47,P No-140) Loading and unloading with 8km lead								
	Basic rate	899.00							
	6% AW	53.94							
	Sub Total	952.94							
	8Km lead & Lift= (2*1.28*8)	20.48							
	Total	**973.42**							
	For RCC Culvert	2	6.50	1.50	0.25	4.88			

	For Roads	1	200.0	4.50	0.20	180.00			
		1	100.00	4.00	0.20	80.00			
		1	50.00	4.00	0.20	40.00			
						304.88	cum	973.42	**296771.00**
38	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	Basic rate	5115.00							
	6% AW	306.90							
	Sub Total	5421.90							
	For RCC Drain	2	208.00	1.10	0.15	68.64			
		1	100.00	1.10	0.15	16.50			
		2	50.00	1.10	0.15	16.50			
	For RCC Culvert	2	6.50	1.80	0.15	3.51			
	For Roads	1	200.0	4.50	0.15	135.00			
		1	100.00	4.00	0.15	60.00			
		1	50.00	4.00	0.15	30.00			
						330.15	cum	5421.90	**1790040.00**
39	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	Basic rate	5115.00							
	6% AW	306.90							
	Sub Total	5421.90							
	For RCC Drain Bottom	2	208.00	0.90	0.15	56.16			
		1	100.00	0.90	0.15	13.50			
		2	50.00	0.90	0.15	13.50			
	For RCC Culvert	2	6.50	1.40	0.20	3.64			
	For RCC Drain Side wall	4	208.00	0.15	0.75	93.60			
		2	100.00	0.15	0.75	22.50			
		4	50.00	0.15	0.75	22.50			
	Culvert Wall	4	6.50	0.20	0.60	3.12			
						225.40	cum	5421.90	**1222096.00**

40	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)								
	Basic rate	69804.00							
	6% AW	4188.24							
	Sub Total	73992.24							
	Considering steel For Drain @ 60 kg / cum		221.76	0.06	-	13.31			
	Considering steel For Culvert & Slab @ 100 kg / cum		6.76	0.10	-	0.68			
						13.98	Tonne	73992.24	**1034530.00**
41	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data rate	2337.00							
	For RCC Drain	2	208.00	0.90	-	374.40			
		1	100.00	0.90	-	90.00			
		2	50.00	0.90	-	90.00			
	Missing Slabs	20	0.60	0.75	-	9.00			
						563.40	Sqm	2337.00	**1316666.00**
42	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data rate	5418.00							
	For Culvert Slab	2	6.50	1.50	-	19.50			
						19.50	Sqm	5418.00	**105651.00**
43	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)								
	Basic rate	1882.00							
	6% AW	112.92							
	Sub Total	1994.92							
	For Roads Cut portion	1	200.0	0.90	0.20	36.00			
		1	100.00	0.90	0.20	18.00			
		1	50.00	0.90	0.20	9.00			
						63.00	cum	1994.92	**125680.00**

44	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No.13, I.No. 4.5)								
	Basic rate	5328.00							
	6% AW	319.68							
	Sub Total	5647.68							
	For Roads Cut portion	1	200.0	4.50	0.15	135.00			
		1	100.00	4.00	0.15	60.00			
		1	50.00	4.00	0.15	30.00			
						225.00	cum	5647.68	**1270728.00**
45	**Vaccum De- writing** with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. (Page No 176 Item No 22.7)								
	Basic rate	68.00							
	6% AW	4.08							
	Sub Total	**72.08**							
	CC Road								
	For CC Road								
		1	200.00	4.50		900.00			
		1	100.00	4.00		400.00			
		1	50.00	4.00		200.00			
						1500.00	**Sqm**	**72.08**	**108120.00**
46	**Providing groove cutting** for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials,. Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. do- for concrete pavement. (Page No 176 Item No 22.8.1)								
	Basic rate	135.00							
	6% AW	8.10							
	Sub Total	**143.10**							
	CC Road								
	14th cross	24.00	4.50			108.00			
	connecting road	12.00	4.00			48.00			
	15th cross	6.00	4.00			24.00			
						180.00	**Sqm**	**143.10**	**25758.00**

	Total Construction Cost	10414842.58
	Towards KRIDL Charges @ 3+1%	416593.70
	Sub Total	10831436.28
	Towards GST@ 12%	1046983.53
	Total	11878419.82
	For 1% DPR Charges	120000.00
	Utility Shifting,Miscellaneous and Rounding off	1,580.18
	GRAND TOTAL	12000000.00
	(In words : One Crore Twenty Lakhs Only)	

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, Pred , Electrical Sr 2014-15 Issue rates and Data

Rates

Assistant Engineer
Yelahanka Project division
BBMP Bangalore

22/10/19
Asst. Executive Engineer
Yelahanka Project division
BBMP Bangalore

22/10/19
Executive Engineer
Yelahanka Project division
BBMP Bangalore